

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) A document camera, comprising:
a script base for placing thereon a document to be captured;

image capture means for capturing the document placed on said script base to generate a moving image signal, said image capture means (i) having an imager device and an optical system integrally incorporated therein, and (ii) being disposed above said script base at a location away from the center of said script base;

an image signal processor connected to said image capture means to receive said moving image signal and adapted to generate a corrected moving image signal as output by removing distortions in said received moving image signal; and

signal output means for delivering the corrected moving image signal from the image signal processor to the outside[[,]]

~~wherein said image capture means has an imager device and an optical system integrally incorporated therein; and~~

~~said image capture means is disposed above said script base at a location away from the center of said script base.~~

2. (original) The document camera according to claim 1, further comprising a light source placed in proximity to said image capture means for illuminating a document on said script base.

3. (cancelled)

4. (currently amended) The document camera according to claim [[3]] 1, wherein said image signal processor comprises a keystone distortion correcting function for correcting an optical distortion caused by an inclination of the optical axis of said optical system with respect to said script base.

5. (original) The document camera according to claim 4, wherein said image signal processor further comprises a correction factor adjusting function for varying a correction factor in accordance with a change in the focal distance of said optical system.

6. (original) The document camera according to claim 4, wherein said image signal processor further comprises a distortion correcting function for correcting a distortion which varies with a change in the focal distance of said optical system in addition to said keystone distortion correcting function.

7. (original) The document camera according to claim 5, wherein said image signal processor further comprises a distortion correcting function for correcting a distortion which varies with a change in the focal distance of said optical system in addition to said keystone distortion correcting function.

8. (cancelled)

9. (currently amended) The document camera according to claim ~~[[8]]~~ 2, wherein said image signal processor further comprises a keystone distortion correcting function for correcting an optical distortion caused by an inclination of the optical axis of said optical system with respect to said script base.

10. (original) The document camera according to claim 9, wherein said image signal processor further comprises a correction factor adjusting function for varying a correction factor in accordance with a change in the focal distance of said optical system.

11. (original) The document camera according to claim 9, wherein said image signal processor further comprises a distortion correcting function for correcting a distortion which

varies with a change in the focal distance of said optical system in addition to said keystone distortion correcting function.

12. (original) The document camera according to claim 10, wherein said image signal processor further comprises a distortion correcting function for correcting a distortion which varies with a change in the focal distance of said optical system in addition to said keystone distortion correcting function.

13. (new) A document camera, comprising:

a base for placing thereon a document to be captured;
an arm attached to said base;

an image capture device to capture an image of said document, attached to said arm and disposed above said base at a location away from the center of said base,

said image capture device comprising an imager device and an optical system, said imager device generating a moving, first image signal from said image;

an image signal processor operatively attached to said image capture device to receive said first image signal as input and generate a second image signal as output, wherein a distortion in said received first image signal is corrected in said second image signal; and

a signal output means for transmitting said output of said image signal processor to external electronic devices.